Notice of Allowability	Application No.	Applicant(s)	
	09/579,125	SCOTT, NEIL G.	
	Examiner	Art Unit	
	Peng Ke	2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *2/4/05*.

2. ☒ The allowed claim(s) is/are *17-32 (renumbered 1-16)*.

3. ☒ The drawings filed on *5/50/2000* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

 * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

 Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Kristine Kincaid

TEC... 2100

Terminal disclaimer

The examiner reviewed the terminal disclaimer filed by the applicant on 2/4/005 and found it to be proper.

Reason for Allowance

The following is an examiner's statement of reasons for allowance:

The prior arts either alone or in combination of fail to teach the limitation recited in claim 1, 6, and 8:

converting, by said accessor device, user actions intended to control the target device into data of a device-dependent form specific to said accessor device, said data of the device-dependent form specific to the accessor device representing control of the target device, wherein the accessor device is a human user interface device that accepts intentions from the user in whatever form the user expresses them;

And in combination with other claimed features

The prior arts either alone or in combination of fail to teach the limitation recited in claim 9, 10, 12, and 13:

a communications interface between the microprocessor and the total access link for transmitting the data of the device-independent form over the total access link to the target total access port, thereby permitting the user to control the target device.

And in combination with other claimed features

The prior arts either alone or in combination of fail to teach the limitation recited in claim 14:

a first microprocessor connected to the accessor device and programmed to translate between data of the device-dependent form specific to the accessor device and data of a device-independent form containing a user-functional representation that represents interactions of the user and the accessor device;

wherein universal data packets are transmitted over the communication link between the first microprocessor and the second microprocessor each universal data packet including at least data of the device-independent form.

And in combination with other claimed features

The prior arts either alone or in combination of fail to teach the limitation recited in claim 15 :

receiving input signals from an input/output device customized to the human user,

wherein said input/output device accepts intentions intended to control the electronic device from the user in whatever form the user expresses them and converts the user intentions into device-dependent data specific to the input/output device;

And in combination with other claimed features

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contract Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Peng Ke